

AMENDMENTS TO THE CLAIMS

Please replace the current claims in the present application with the following:

1. (Canceled).
2. (Currently Amended) The device according to claim 4 wherein the light source is selected from the group consisting of mercury vapor lamps, tungsten halogen lamps, xenon lamps, lasers, and combinations thereof.
3. (Currently Amended) A device for detecting visible fluorescence emitted from a fluorescent-labeled sample comprising:
 - (a) a light source which produces incident light;
 - (b) a light guide to transmit light from the light source to an excitation filter or bandpass filter;
 - (c) a dichroic beamsplitter which reflects all incident light of a predetermined wavelength to a sample;
 - (d) a longpass filter or barrier filter through which light from the beamsplitter is transmitted to a line of sight.
4. (Original) The device according to claim 3 wherein the light guide is a fiber optic light guide.
5. (Currently Amended) The device according to claim 3 wherein the dichroic beamsplitter and the longpass filter or barrier filter are housed in a single fluor-cluster filter housing positioned at a the tip of the light guide.
6. (Currently Amended) A method of examining a ~~sample~~ live animal to detect fluorescence comprising:

contacting said ~~sample~~ live animal with incident light which has been transmitted through a dichroic beamsplitter which reflects all incident light of a predetermined wavelength to the ~~sample~~ live animal containing a fluorochrome;

transmitting light through a barrier filter or longpass filter located in eyeglasses;
and

observing light emitted from the ~~specimen~~ live animal through the barrier filter or longpass filter.

7. (Original) The method according to claim 6 wherein the fluorochrome is calcein.

8. (Canceled).

9. (Currently Amended) The method according to claim 6 ~~8~~ wherein the live animal is a salmon.

10. (Canceled).